



## Complete Summary

---

### TITLE

Hepatitis C: percentage of patients aged 18 years and older with a diagnosis of hepatitis C who have received at least one injection of hepatitis A vaccine, or who have documented immunity to hepatitis A.

### SOURCE(S)

American Gastroenterological Association Institute, Physician Consortium for Performance Improvement®. Hepatitis C physician performance measurement set. Chicago (IL): American Medical Association (AMA); 2008 Jun. 42 p. [4 references]

## Measure Domain

### PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure is used to assess the percentage of patients aged 18 years and older with a diagnosis of hepatitis C who have received at least one injection of hepatitis A vaccine, or who have documented immunity to hepatitis A.

This measure is paired with [Hepatitis C: percentage of patients aged 18 years and older with a diagnosis of hepatitis C who have received at least one injection of hepatitis B vaccine, or who have documented immunity to hepatitis B](#).

Implementers of this measure should not use this measure without the hepatitis B vaccination measure.

### RATIONALE

Assure that hepatitis A vaccination is received except for cases of documented medical reasons. This vaccination decreases the potential for a patient acquiring for hepatitis A which would contribute to further liver damage.\*

\*The following clinical recommendation statements are quoted verbatim from the referenced clinical guidelines and represent the evidence base for the measure:

All patients with chronic hepatitis C should be vaccinated against hepatitis A, and seronegative persons with risk factors for hepatitis B virus (HBV) should be vaccinated against hepatitis B. (National Institute of Health [NIH])

Person in whom the diagnosis of hepatitis B is established are candidates for hepatitis A and hepatitis B vaccines. (American Gastroenterological Association [AGA])

## **PRIMARY CLINICAL COMPONENT**

Hepatitis C virus (HCV); Hepatitis A vaccine

## **DENOMINATOR DESCRIPTION**

All patients aged 18 years and older with a diagnosis of hepatitis C (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

## **NUMERATOR DESCRIPTION**

Patients who have received at least one injection of hepatitis A vaccine, or who have documented immunity to hepatitis A

## **Evidence Supporting the Measure**

### **EVIDENCE SUPPORTING THE CRITERION OF QUALITY**

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

### **NATIONAL GUIDELINE CLEARINGHOUSE LINK**

- [American Gastroenterological Association medical position statement on the management of hepatitis C.](#)

## **Evidence Supporting Need for the Measure**

### **NEED FOR THE MEASURE**

Unspecified

## **State of Use of the Measure**

### **STATE OF USE**

Current routine use

## **CURRENT USE**

Internal quality improvement  
National reporting

## **Application of Measure in its Current Use**

## **CARE SETTING**

Ambulatory Care  
Physician Group Practices/Clinics

## **PROFESSIONALS RESPONSIBLE FOR HEALTH CARE**

Physicians

## **LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED**

Individual Clinicians

## **TARGET POPULATION AGE**

Age greater than or equal to 18 years

## **TARGET POPULATION GENDER**

Either male or female

## **STRATIFICATION BY VULNERABLE POPULATIONS**

Unspecified

## **Characteristics of the Primary Clinical Component**

## **INCIDENCE/PREVALENCE**

Unspecified

## **ASSOCIATION WITH VULNERABLE POPULATIONS**

Unspecified

## **BURDEN OF ILLNESS**

Unspecified

## **UTILIZATION**

Unspecified

## **COSTS**

Unspecified

### **Institute of Medicine National Healthcare Quality Report Categories**

## **IOM CARE NEED**

Living with Illness

## **IOM DOMAIN**

Effectiveness

### **Data Collection for the Measure**

## **CASE FINDING**

Users of care only

## **DESCRIPTION OF CASE FINDING**

All patients aged 18 years and older with a diagnosis of hepatitis C

## **DENOMINATOR SAMPLING FRAME**

Patients associated with provider

## **DENOMINATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

All patients aged 18 years and older with a diagnosis of hepatitis C

### **Exclusions**

- Documentation of medical reason(s) for not administering at least one injection of hepatitis A vaccine
- Documentation of patient reason(s) for not administering at least one injection of hepatitis A vaccine

## **RELATIONSHIP OF DENOMINATOR TO NUMERATOR**

All cases in the denominator are equally eligible to appear in the numerator

## **DENOMINATOR (INDEX) EVENT**

Clinical Condition  
Encounter

#### **DENOMINATOR TIME WINDOW**

Time window is a single point in time

#### **NUMERATOR INCLUSIONS/EXCLUSIONS**

##### **Inclusions**

Patients who have received at least one injection of hepatitis A vaccine, or who have documented immunity to hepatitis A

##### **Exclusions**

None

#### **MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS**

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

#### **NUMERATOR TIME WINDOW**

Encounter or point in time

#### **DATA SOURCE**

Administrative data  
Medical record

#### **LEVEL OF DETERMINATION OF QUALITY**

Individual Case

#### **PRE-EXISTING INSTRUMENT USED**

Unspecified

### **Computation of the Measure**

#### **SCORING**

Rate

#### **INTERPRETATION OF SCORE**

Better quality is associated with a higher score

**ALLOWANCE FOR PATIENT FACTORS**

Unspecified

**STANDARD OF COMPARISON**

Internal time comparison

**Evaluation of Measure Properties****EXTENT OF MEASURE TESTING**

Unspecified

**Identifying Information****ORIGINAL TITLE**

Measure #6: hepatitis A vaccination.

**MEASURE COLLECTION**

[The Physician Consortium for Performance Improvement® Measurement Sets](#)

**MEASURE SET NAME**

[Hepatitis C Physician Performance Measurement Set](#)

**SUBMITTER**

American Medical Association on behalf of the American Gastroenterological Association Institute and Physician Consortium for Performance Improvement®

**DEVELOPER**

American Gastroenterological Association Institute  
Physician Consortium for Performance Improvement®

**FUNDING SOURCE(S)**

Unspecified

**COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE**

Emmet B. Keefe, MD, MACP, AGAF (*Co-Chair*); Josie Williams, MD, MMM (*Co-Chair*); Oluwatoyin Adeyemi, MD; Joel V. Brill, MD; Betty Jo Edwards, MD; Deb Esser, MD; Gregory Everson, MD; Troy Fiesinger, MD; Michael W. Fried, MD; Stephen Harrison, MD; Ira Jacobson, MD; Paola Ricci, MD; Sam JW Romeo, MD, MBA; John F. Schneider, MD, PhD; Leonard B. Seeff, MD; Kenneth E. Sherman,

MD, PhD; Alan D. Tice, MD, FACP; Monte Troutman, DO, FACOI; John Ward, MD; John B. Wong, MD

*American Gastroenterological Association Institute:* Deborah Robin, MSN, RN, CHCQM

*American Liver Foundation:* Maureen L. Borkowski, RN, BSN; Lynn McElroy

*American Medical Association:* Erin O. Kaleba, MPH; Karen Kmetik, PhD

*Health Plan Representative (Wellpoint, Inc):* Catherine MacLean, MD, PhD

*Consortium Consultant:* Rebecca Kresowik; Timothy Kresowik, MD

## **FINANCIAL DISCLOSURES/OTHER POTENTIAL CONFLICTS OF INTEREST**

Conflicts, if any, are disclosed in accordance with the Physician Consortium for Performance Improvement® conflict of interest policy.

## **ENDORSER**

National Quality Forum

## **INCLUDED IN**

Ambulatory Care Quality Alliance  
Physician Quality Reporting Initiative

## **ADAPTATION**

Measure was not adapted from another source.

## **RELEASE DATE**

2006 Dec

## **REVISION DATE**

2008 Jun

## **MEASURE STATUS**

This is the current release of the measure.

## **SOURCE(S)**

American Gastroenterological Association Institute, Physician Consortium for Performance Improvement®. Hepatitis C physician performance measurement set. Chicago (IL): American Medical Association (AMA); 2008 Jun. 42 p. [4 references]

## **MEASURE AVAILABILITY**

The individual measure, "Measure #6: Hepatitis A Vaccination," is published in "Hepatitis C Physician Performance Measurement Set." This document and technical specifications are available in Portable Document Format (PDF) from the American Medical Association (AMA)-convened Physician Consortium for Performance Improvement® Web site: [www.physicianconsortium.org](http://www.physicianconsortium.org).

For further information, please contact AMA staff by e-mail at [cqi@ama-assn.org](mailto:cqi@ama-assn.org).

## **NQMC STATUS**

This NQMC summary was completed by ECRI Institute on February 27, 2009. The information was verified by the measure developer on May 21, 2009.

## **COPYRIGHT STATEMENT**

© 2007 American Medical Association. All Rights Reserved.

CPT® 2006 American Medical Association

## **Disclaimer**

### **NQMC DISCLAIMER**

The National Quality Measures Clearinghouse™ (NQMC) does not develop, produce, approve, or endorse the measures represented on this site.

All measures summarized by NQMC and hosted on our site are produced under the auspices of medical specialty societies, relevant professional associations, public and private organizations, other government agencies, health care organizations or plans, individuals, and similar entities.

Measures represented on the NQMC Web site are submitted by measure developers, and are screened solely to determine that they meet the NQMC Inclusion Criteria which may be found at <http://www.qualitymeasures.ahrq.gov/about/inclusion.aspx>.

NQMC, AHRQ, and its contractor ECRI Institute make no warranties concerning the content or its reliability and/or validity of the quality measures and related materials represented on this site. The inclusion or hosting of measures in NQMC may not be used for advertising or commercial endorsement purposes.

Readers with questions regarding measure content are directed to contact the measure developer.

[Copyright/Permission Requests](#)

Date Modified: 7/27/2009

